

**EXTERNAL APPROVAL ☐**  
**REQUIRED**

**FOR REFERENCE ONLY**

**RosenView Configuration Tool**  
**User's Manual**

## 1. REQUIREMENTS

The following requirements must be met in order to customize RosenView Software.

### 1.1. Operating System Requirements:

- Windows XP



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If problems are encountered while trying to run the Configuration Tool customization software, ensure that the most current version of Microsoft .NET Framework is installed on the PC.

The Microsoft .NET Framework install package is available through a link on the RosenView Configuration Tool CD.

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### 1.2. Human Interface Requirements:

- PC, Keyboard, and mouse
- CD ROM

### 1.3. Hardware Requirements:

- Available USB Port
- Minimum 250 Meg free hard drive space

## 2. GETTING STARTED

1. To start the RosenView customization process, insert the RosenView Configuration Tool CD into your computer's CD ROM drive.

The RosenView configuration software should start automatically. If not, use your mouse to open the CD ROM drive and double click on RosenView Config.exe. The following startup window will display onscreen:



Figure 1 RosenView Configuration Tool Startup Window

2. Click on **Start** to proceed to the **Main Customization Menu** window (see Figure 2).
3. Click on **Quit** to exit the **RosenView Configuration Tool** startup window.

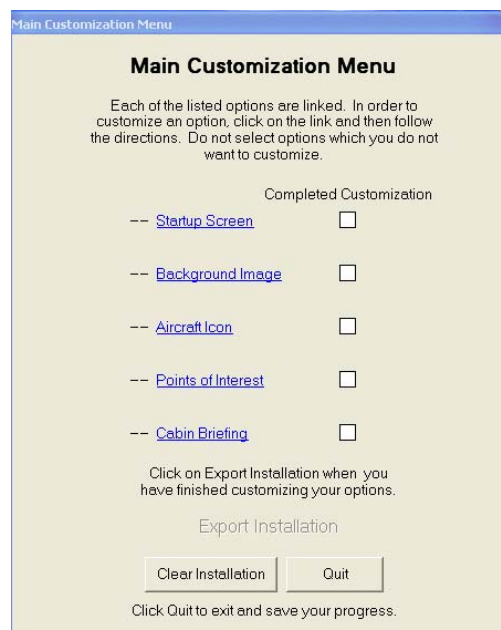


Figure 2 Main Customization Menu Window

### 3. CREATING A CUSTOM STARTUP SCREEN

The startup screen displays when RosenView is powered on and when there is no flight data being input to RosenView. Users may change this screen to incorporate their own logo onto the startup screen or to add aesthetics not offered in the default startup screen.

To change the default startup screen:

1. Click on the **Startup Screen** link shown in Figure 2 to launch the **Startup Screen** window shown below.



**Note the Startup Screen window's listed requirements and suggestions below. For assistance meeting requirements for best image quality, see the Appendix section of this document.**

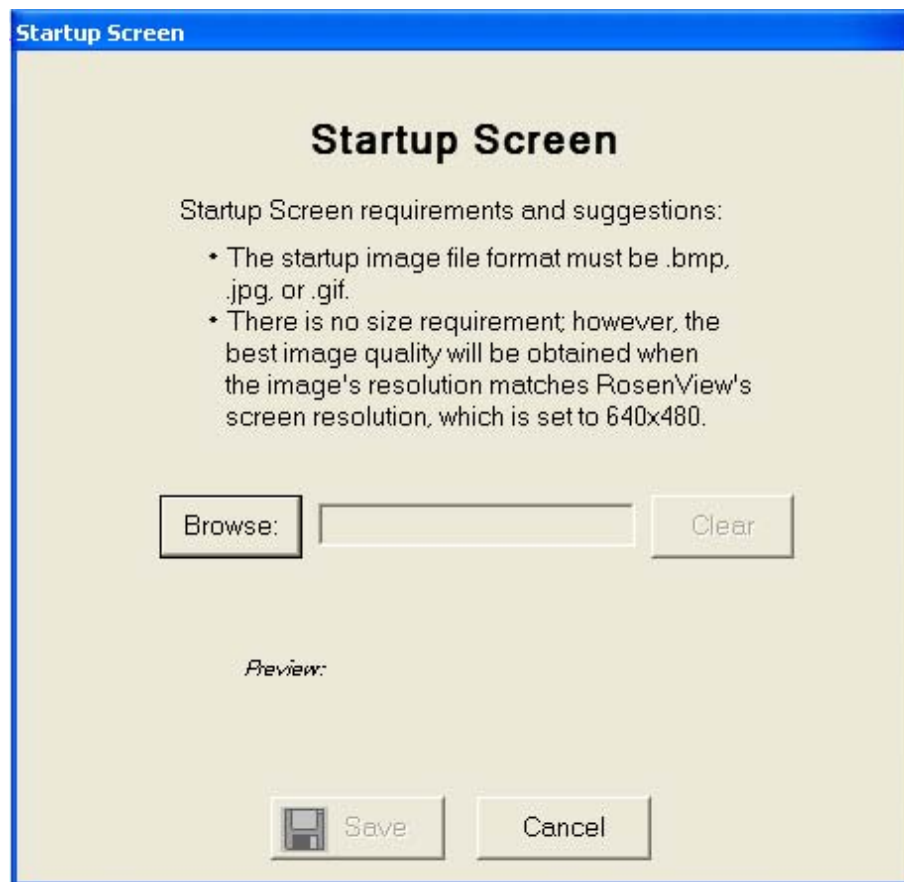


Figure 3 Startup Screen Window

2. Click **Browse** to open the file **Open** browse window shown in Figure 4.

**Note:** Ensure that the selection meets the requirements as listed in the **Startup Screen** window shown above.

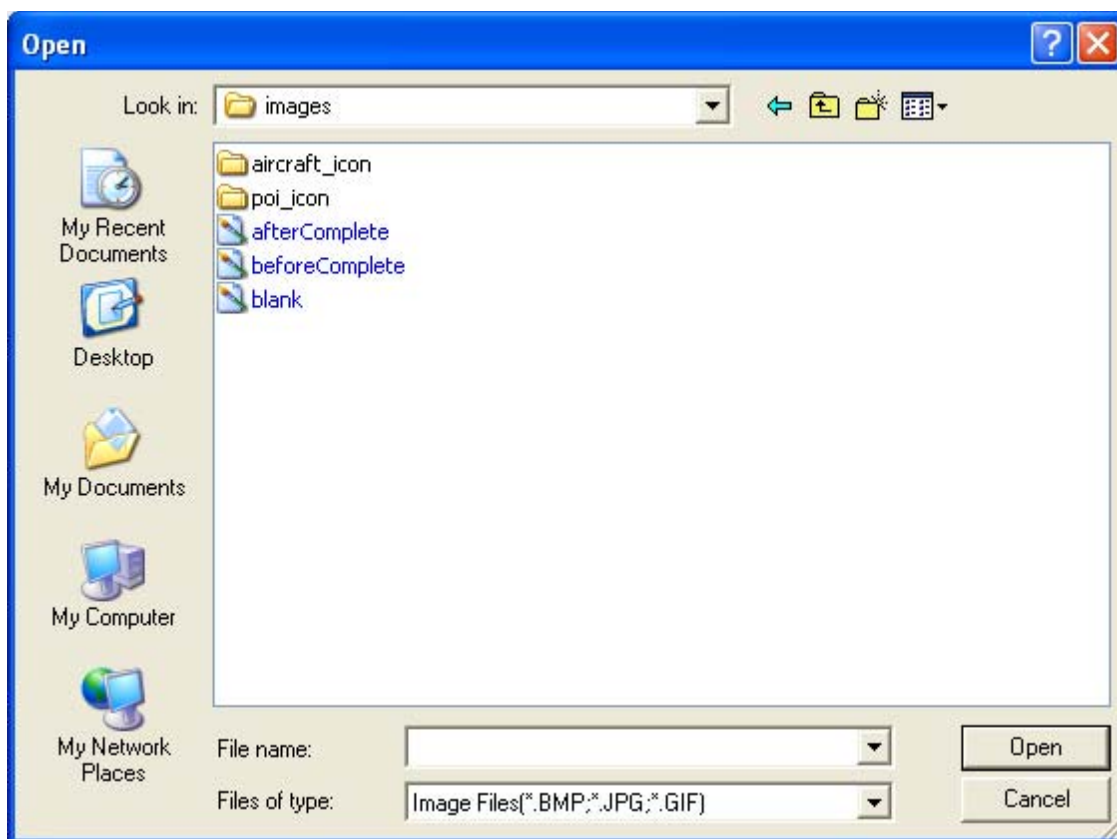


Figure 4 Startup Screen File Open Browse Window

3. Use the **Look in:** field box to navigate to the desired file.
4. Click on the desired file and then click **Open**.

The **Startup Screen** window reappears and the selected image width and height is shown. Options include: click on **Save** to change the background image, click on **Browse** to replace the file, click on **Clear** to clear the file, or click on **Cancel** to return to the **Main Menu** with no selection.

5. If satisfied with the selection, click on **Save**.

The **Main Menu** reappears and the **Startup Screen** customization check box is checked and colored green as shown below.



Figure 5 Startup Screen Completed

## 4. CREATING A CUSTOM BACKGROUND IMAGE

The background image is seen in the margins while viewing RosenView. For example, Figure 6 shows the default light-blue sky with clouds background. Notice the background shows through RosenView's top and bottom banners.



Figure 6 Default Background: Light-Blue Sky With Clouds

To replace the default background image:

1. Click on the **Background Image** link shown in the Main Menu (Figure 2 on page 3) to launch the **Background Image** window shown below.



**Note the Background Image window's listed requirements and suggestions below. For assistance meeting requirements for best image quality, see the Appendix section of this document.**

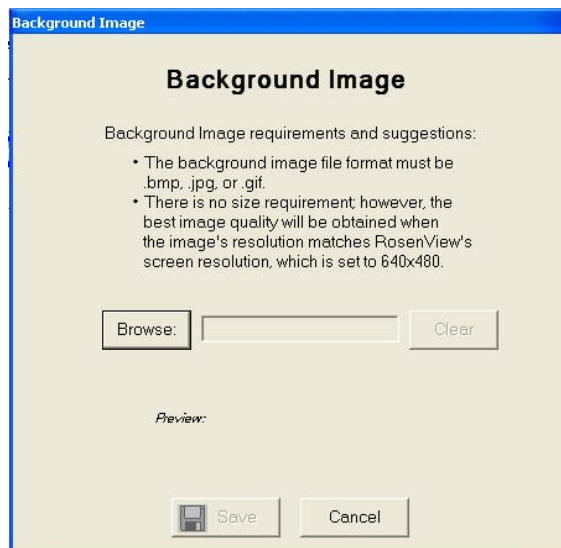


Figure 7 Background Image Window

2. Click **Browse** to open the file **Open** browse window (similar to the window shown in Figure 4).
3. Use the **Look in:** field box to navigate to the desired file.
4. Click on the desired file and then click **Open**.

The **Background Image** window reappears with options that include: click on **Save** to change the background image, click on **Browse** to replace the file, click on **Clear** to clear the file, or click on **Cancel** to return to the **Main Menu** with no selection.

5. When satisfied with the background selection, click on **Save**.

The **Main Menu** reappears and the **Background Image** customization check box is checked and colored green as shown below.



Figure 8 Background Image Customization Completed

## 5. SELECTING A CUSTOM AIRCRAFT ICON

The **Aircraft Icon** customization screen provides users the option of downloading an aircraft icon from icon choices provided through the software, or downloading their own aircraft icon. The selected icon will represent the aircraft that travels on the map when viewing RosenView.

To select an icon:

1. Click on the **Aircraft Icon** link shown in the **Main Customization Menu** (Figure 2 on page 3) to launch the **Aircraft Icon** window shown below.

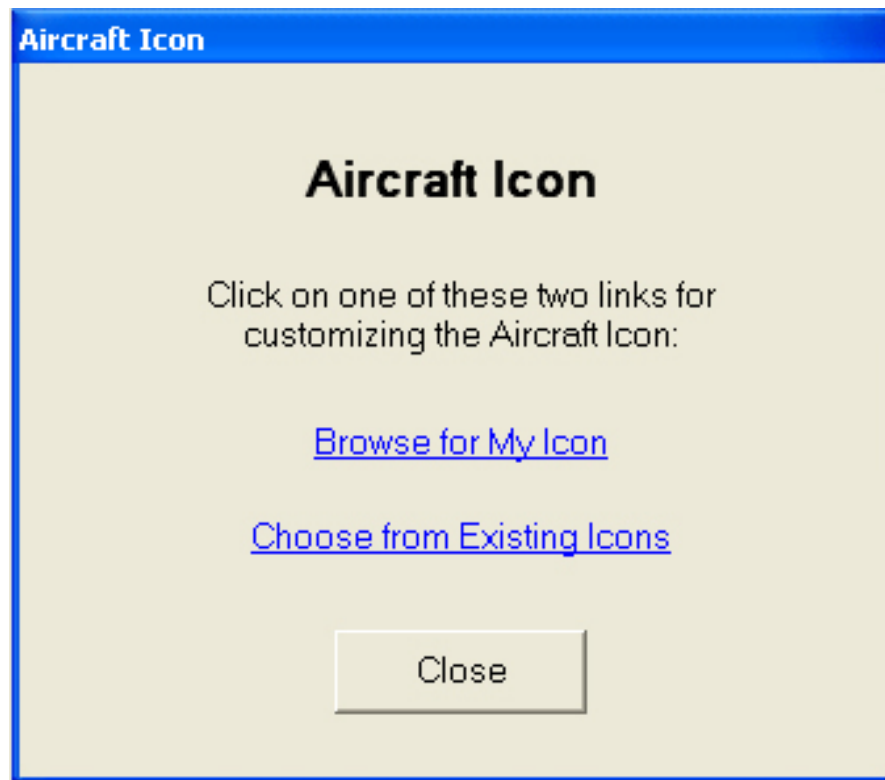


Figure 9 Aircraft Icon Main Window

2. Click on **Browse For My Own Icon** to bring up the **Aircraft Icon – Browse** window as displayed in Figure 10.
3. Click on **Choose From Existing Icons** to bring up the **Aircraft Icon – Choose** window shown in Figure 11.



**Note the Custom Aircraft Icon requirements listed in the *Aircraft Icon – Browse* window below. For assistance meeting requirements see the Appendix section of this document.**

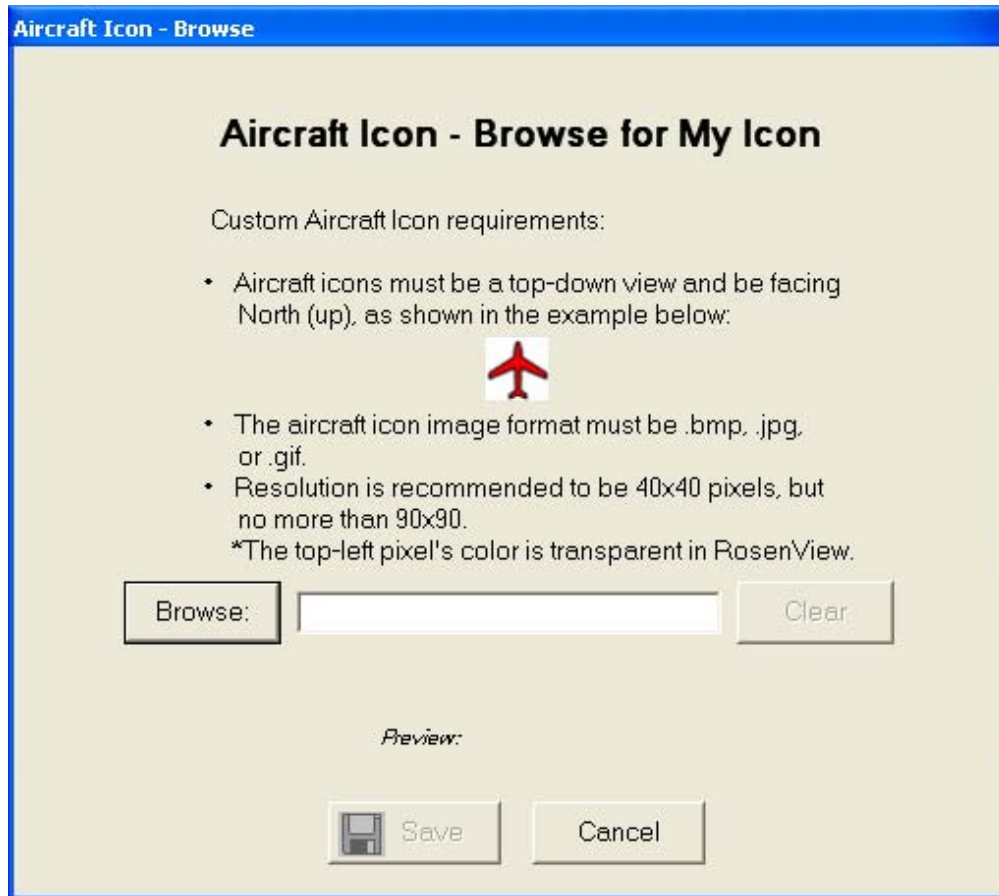


Figure 10 Aircraft Icon - Browse Window With Default Icon Shown In Example

4. Click **Browse** to open the file **Open** browse window (similar to the window shown in Figure 4).
5. Use the **Look in:** field box to navigate to the desired file.

Ensure that the selection meets the requirements as listed in the ***Aircraft Icon – Browse*** window shown above.

6. Click on the desired file and then click **Open**.

The ***Aircraft Icon – Browse*** window appears, and the selected image width and height is shown.

7. Click on **Save** to return to the ***Main Menu***.

The **Aircraft Icon** customization check box will be checked and colored green as shown in Figure 12 on the following page.

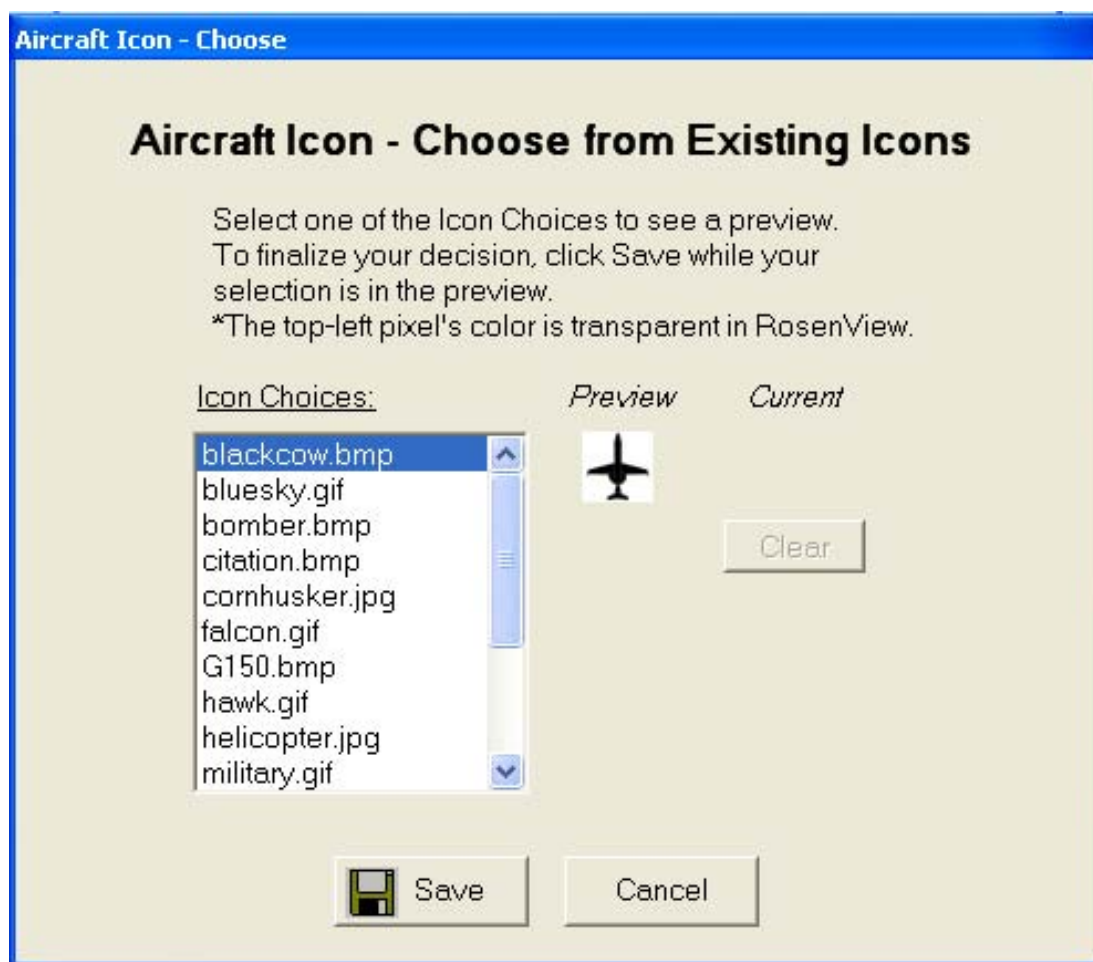


Figure 11 Aircraft Icon - Choose Window

1. Click on an icon from the **Icon Choices** list box. The image will be displayed under **Preview** on the right-hand side of the dialog box.
2. Click on the desired selection, and then click on **Save** to return to the **Main Menu**.

The **Aircraft Icon** customization check box will be checked and colored green as shown below.



Figure 12 Customized Aircraft Icon Completed

## 6. CUSTOMIZING POINTS OF INTEREST

The **Points of Interest** (POI) window allows users to include icons and information concerning areas of interest. Such areas of interest may include personal properties or favorite building locations. Users have the option of downloading an icon from choices provided through the software, or downloading their own icon.

To add points of interest to the RosenView program:

1. Click on the **Points of Interest (POI)** link on the **Main Menu** to launch the **Points of Interest** window shown below.



**Note the Custom Icon requirements and information listed in the *Points of Interest* window below. For assistance meeting requirements see the Appendix section of this document.**

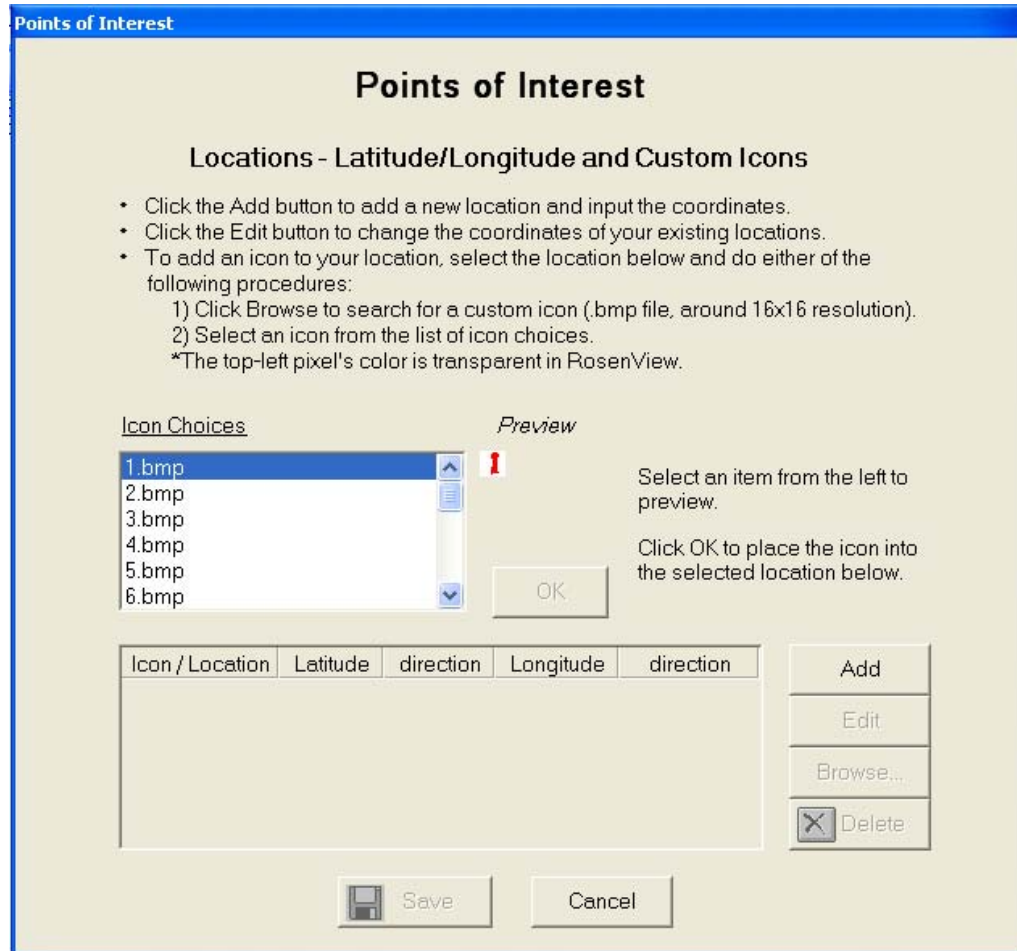


Figure 13 Points of Interest Window

2. Click the **Add** button to access the **POI Data Editor** as seen below in Figure 14.

The **POI Data Editor** automatically validates the data being entered. Figure 15 shows an example of a message displayed when invalid data is entered.



**To convert latitude and longitude degrees, minutes and seconds to decimals** visit [www.fcc.gov/mb/audio/bickel/DDDMSS-decimal.html](http://www.fcc.gov/mb/audio/bickel/DDDMSS-decimal.html) on the web; or search for other conversion sites.

**POI Data Editor**

**Points of Interest Data Editor**

Locations must be entered as decimal Latitude and Longitude coordinates. An example is shown below. The format shown for entering custom points of interest is required. The number of digits used may vary; a minimum resolution of .001 degrees is suggested.

Latitude	direction	Longitude	direction
10.53033	N	136.81656	W

Latitude      direction      Longitude      direction


 Save      Cancel

Figure 14 Points of Interest Data Editor

**POI Data Editor**

**Points of Interest Data Editor**

Locations must be entered as decimal Latitude and Longitude coordinates. An example is shown below. The format shown for entering custom points of interest is required. The number of digits used may vary; a minimum resolution of .001 degrees is suggested.

Latitude	direction	Longitude	direction
10.53033	N	136.81656	W

Valid longitude values range from 0 to 180.

Latitude      direction      Longitude      direction

21.3564       N       200       W


 Save      Cancel

Figure 15 Points of Interest Data Editor With Error Message

3. After completing the POI data input, click **Save** to return to the **Points of Interest** screen as seen in Figure 16.

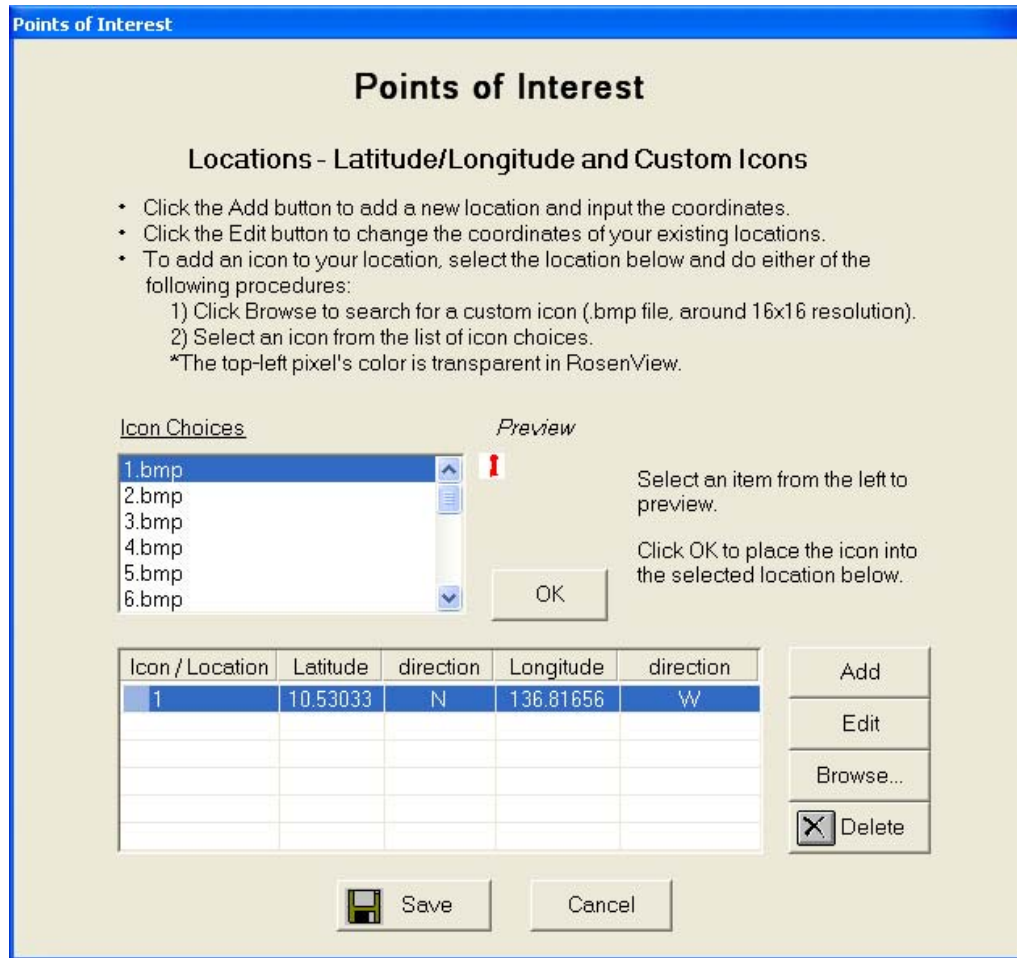


Figure 16 Points of Interest Window After POI Information is Completed

To add an icon choice for a POI location:

- Click on the desired location located in the POI Latitude / Longitude table.
- Complete one of the following two steps:
  - Click **Browse** to search for custom icons; ensure that icons meet the requirements as stated in the **Points of Interest** window.

OR

  - Click on an icon from the Icon Choices list box in the top half of the window and then click **OK**.



Custom POI icons will show on the RosenView map when zoomed in close. As the zoom levels retract, the POI icon will be replaced by a symbol; from far out zoom levels nothing will show.

The selected icon will be displayed in the POI Latitude / Longitude table on the **Points of Interest** screen as shown below.

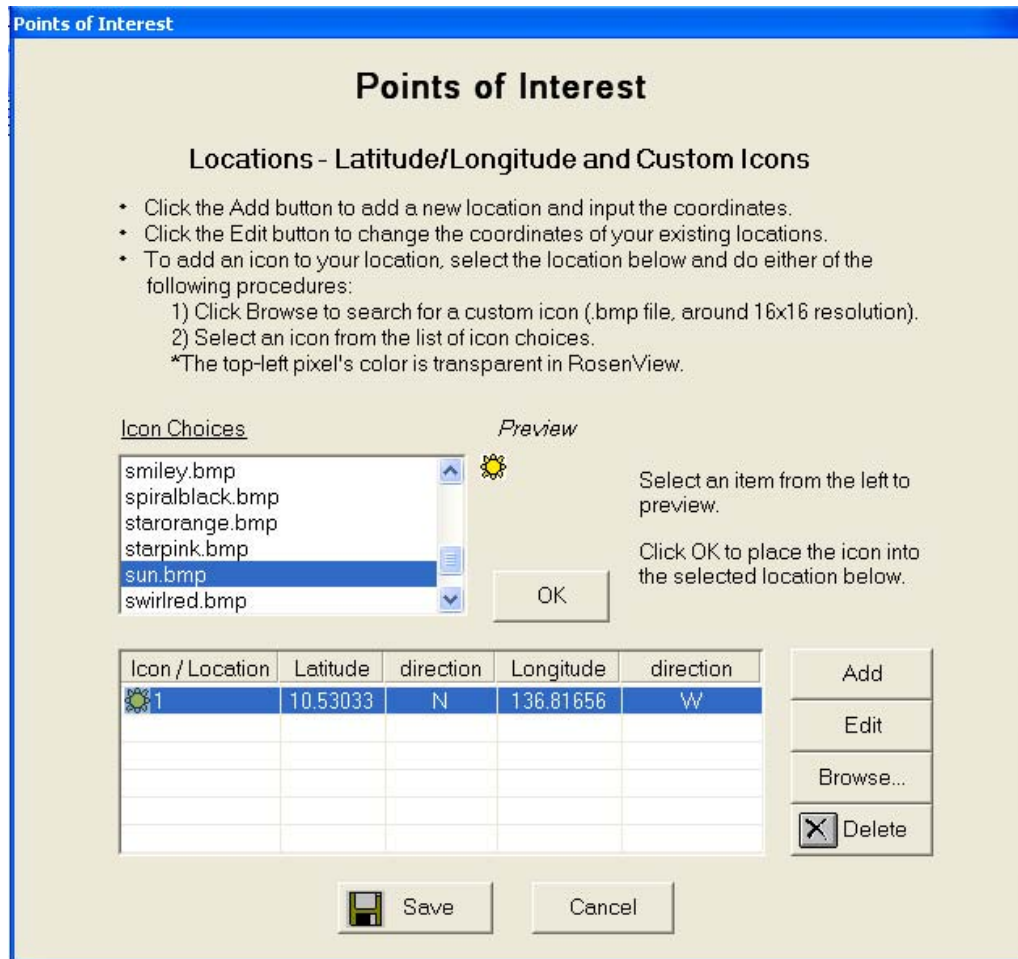


Figure 17 POI Window With Icon Selected

Repeat this POI procedure to continue adding locations into the POI Latitude / Longitude table.

To change an existing entry:

- Click on the desired line in the Latitude / Longitude table and then click on **Edit** to access the **POI Data Editor** as seen in Figure 14.
- When all entry points have been made, click on **Save** to save, or **Cancel** to return to the **Main Menu** without saving changes.

If **Save** is chosen, the **Main Menu** will appear with the **Points of Interest** customization check box checked and colored green as shown in as shown below.



Figure 18 Main Menu With POI Option Completed

## 7. INSTALLING CUSTOM CABIN BRIEFING

Cabin Briefing options allow users to upload up to four cabin briefing messages. Briefings might include welcome information, travel information, or in-flight services being offered.

These messages are created separate from RosenView and then uploaded to the software. See file requirements listed in the **Cabin Briefing** window shown below.

To add cabin briefings:

1. Click on the **Cabin Briefing** link shown in the **Main Menu** (Figure 2 on page 3) to launch the **Cabin Briefing** window shown below.

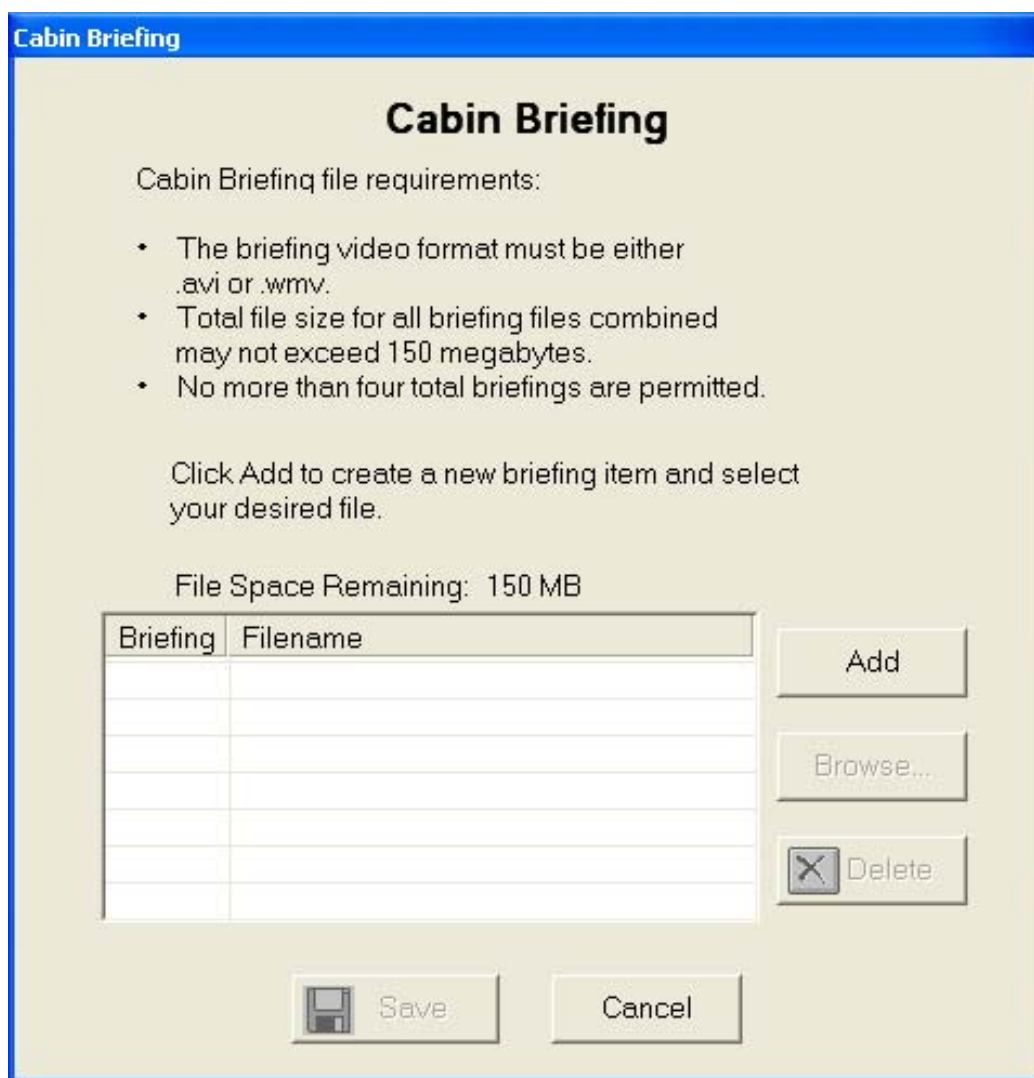


Figure 19 Cabin Briefing Window

2. Click **Add** in the Cabin Briefing window to access the file **Open** browse window (similar to the window shown in Figure 4).
3. Using the file **Open** browse window, find and click on the desired cabin briefing file, and then click **Open**.

The Cabin Briefing window will return with the selected file shown in the Briefing table.

**Note:** To change an existing file, click on an existing file line and then click on **Browse** to change the file or **Delete** to delete the file.

4. Click **Add** to continue adding Cabin Briefing files.

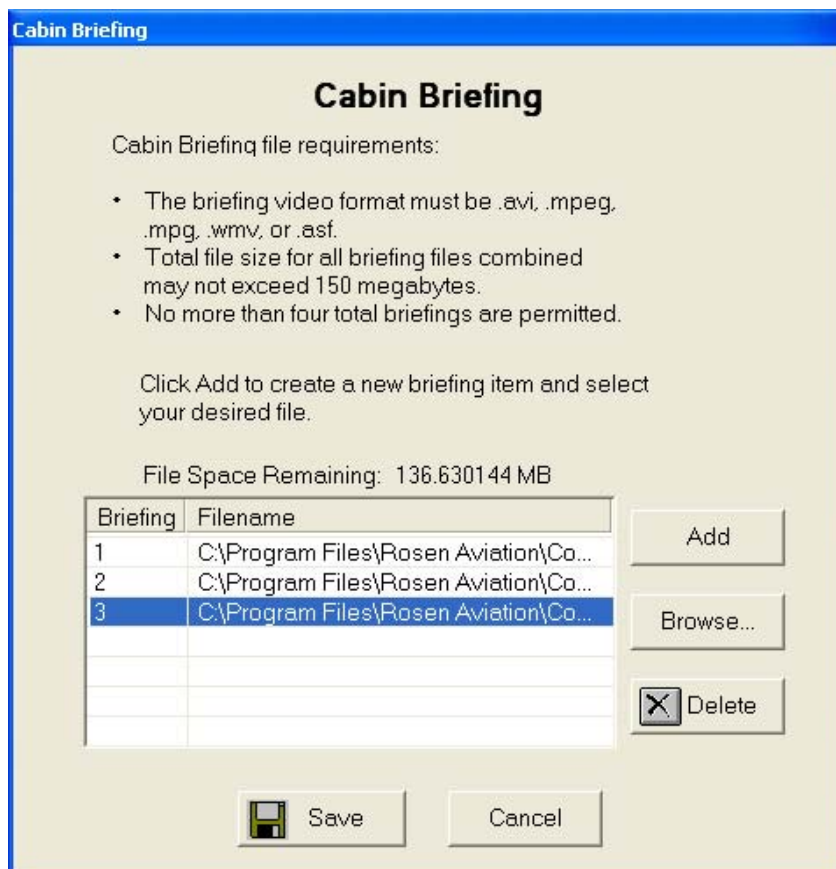


Figure 20 Cabin Briefing Window With Three Files Added

5. When finished selecting Cabin Briefings, click **Save**.

The **Main Menu** appears with the **Cabin Briefing** customization check box checked and colored green as shown below.



Figure 21 Cabin Briefing Option Completed

## 8. EXPORT INSTALLATION

To create the customized installation files:

1. Click on **Export Installation** when finished customizing selected options and the following window will appear.

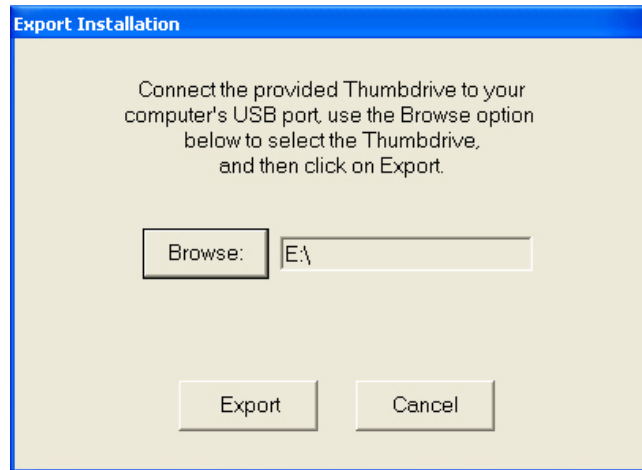
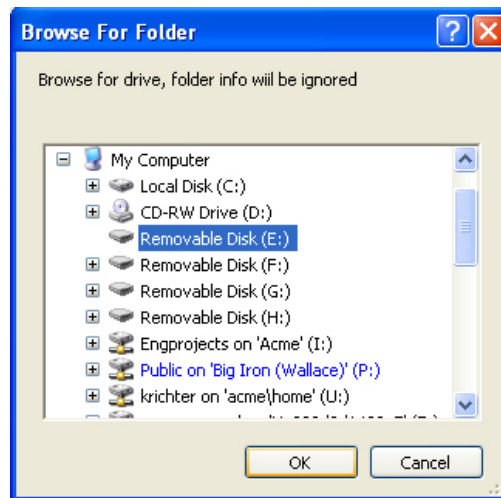


Figure 22 Export Installation Window

2. Click on **Browse** (if necessary) to access the **Browse for Folder** window (shown below).



- a. Find and click on the provided thumbdrive's location and then click **OK**.

The **Export Installation** window reappears with the file location shown in the location field adjacent to the **Browse** button.

**Note:** Files can be exported to hard drive locations as well and kept for backup. To reuse these files, simply copy and paste them to a blank Thumbdrive when ready to install into RosenView.

**Warning:** The file hierarchy may be saved to any drive, but the file names and file order must remain the same or RosenView will reject them.

3. Click on **Export** and the RosenView user customization software will begin to generate the FlightView files and save them to the selected location.

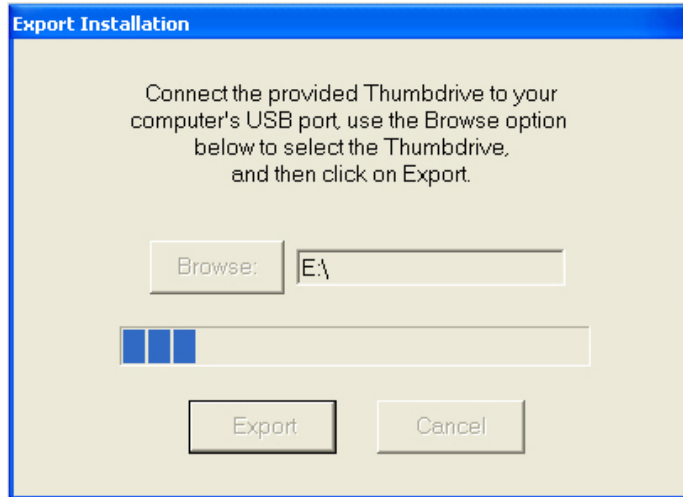


Figure 23 Export Installation Window In Progress

When the **Export Installation** window is complete, the **Finished** window displays as shown in Figure 24.

Read through the **Finished** window before clicking **OK**. Ensure that you understand the process necessary to proceed.

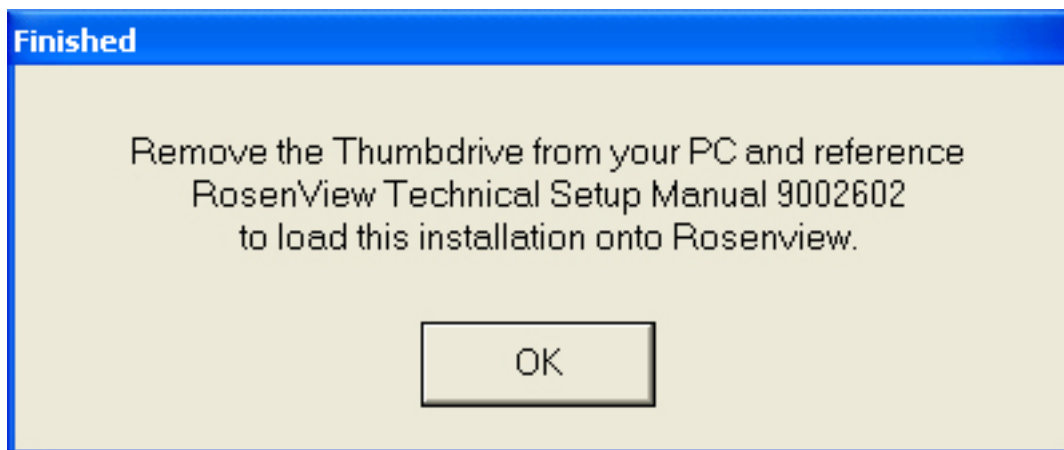


Figure 24 Export Installation's Finished Confirmation Window

4. Click **OK** to return to the **Main Menu**.
5. Click **Quit** to exit the RosenView Configuration Tool.

## 9. CLEARING FILES TO CREATE ANOTHER NEW CONFIGURATION

1. Click on **Clear Installation** to remove all the currently saved customization files from the software workspace.

Ensure that saved back-up customization files exist on the hard drive if concerned with losing most recently customized information.

When **Clear Installation** is clicked, a **New Installation Confirmation** window appears as shown below:

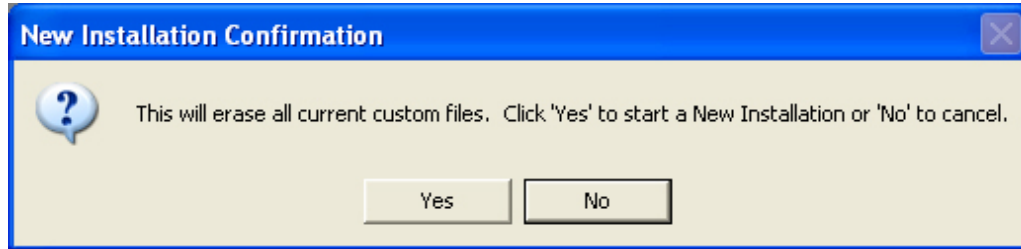


Figure 25 New Installation Confirmation Window

2. Click **Yes** to clear the file information and start a new installation, or **No** to cancel.

If a new installation is started, the **Main Menu** will appear with all customization option check boxes cleared as shown in Figure 26.

Repeat this document procedure as often as desired to create and save a variety of RosenView customized options.

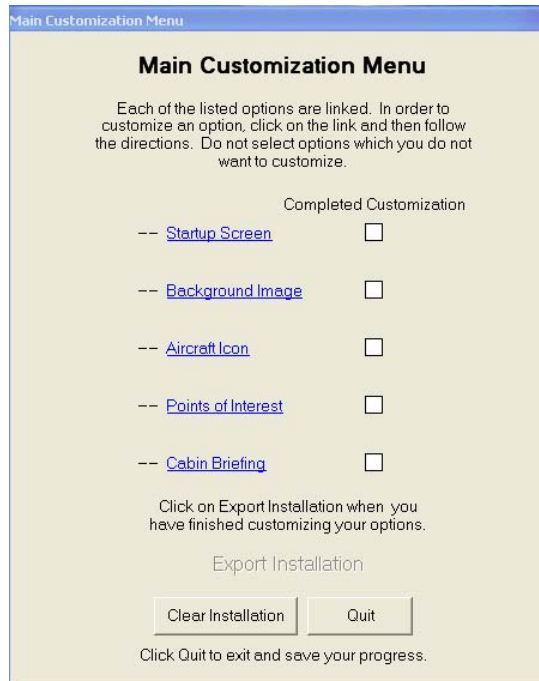


Figure 26 Main Menu After Clear Installation

## 10. APPENDIX

### 10.1. How to Meet Custom Startup Screen and Background Screen Requirements

This procedure describes how to best create a custom startup screen or background screen to match RosenView's 640x480 screen resolution.

The example procedure utilizes Photoshop. If Photoshop is not accessible, other graphics programs may be used, or download a free trial of Photoshop from the Web ([www.adobe.com/products/photoshop/main.html](http://www.adobe.com/products/photoshop/main.html) select **tryout** under **downloads** in the left-side column and download Photoshop CS2).

While RosenView can take any image and expand or shrink it to make it fit the required format, it does not produce good results unless the image is close to a 640x480 screen resolution.

For best results, complete the following steps:

1. The images to be used in the screen may need to be opened and saved in a different file format so that it can be placed later.
  - a. To save image(s) in a proper format, open the image(s) with Photoshop, click **File→Save As...** and save the image as an .EPS file; close the file.
2. Select **File→New...** to create a new file.
3. Change the settings in the new file as directed in the image below:

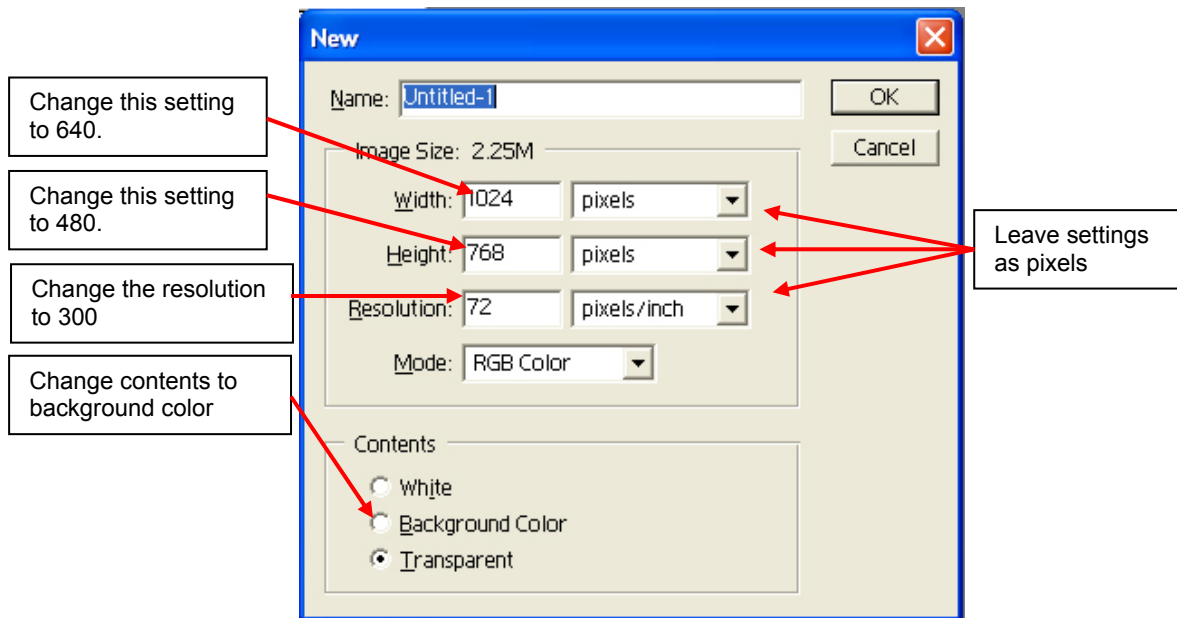


Figure 27 Change settings for the new startup screen

4. Click **OK** and the new file will open; select **View→Fit on Screen** in the main toolbar.
5. Select **File→Place...**
  - a. Browse for and select an image for the custom screen, and then click on **Place**.

6. Size the image and locate it as desired on the 640x480 background.
  - a. To size the image, click on it, select **edit→transform→scale**, and click on the corner and drag to scale as desired; for a background screen, scale the image such that it fills the entire space.
  - b. To move the image, click and hold the mouse on the image and move it by moving the mouse.
7. Continue to add images, change background colors, etcetera until the screen appears as desired.
8. Select **File→Save As...** and then save the file format as a .jpg, .gif, or .bmp file; remember the file location to select it later in the RosenView customization process.
9. Close the Photoshop file and exit Photoshop; save the original Photoshop file as desired when closing.

## 10.2. How to Meet Custom Points Of Interest (POI) and Aircraft Icon Size Requirements

1. Open the image desired for the POI or custom aircraft icon.
2. Select **Image→ Image Size...** and look at the pixel dimensions in the top portion of the Image Size menu screen.
3. Whichever has the highest pixel size (height or width), set that dimension to 40 for an aircraft icon, or 16 for a POI icon.
4. Increase the resolution as possible; if the file document size is reduced by half, the resolution setting can be doubled.

For example, if the file document size were changing (due to changing the pixel size) from 4 inches to 2 inches, an image with 72 resolution could be doubled to 144. If it were changing from 4 inches to 1 inch the resolution could be quadrupled to 288.
5. Click **OK**.

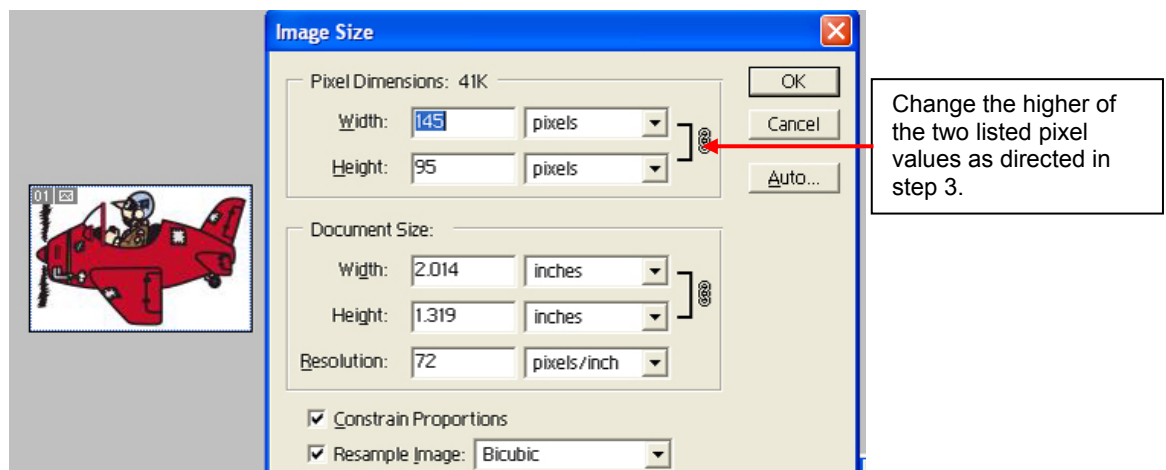


Figure 28 Height Set to 480

6. Select **File→Save As...** and then save the file format as a .jpg, .gif, or .bmp file; remember the file location to select it later in the RosenView customization process.
7. Close the Photoshop file and exit Photoshop; save the original Photoshop file as desired when closing.